

Form PTO-649 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number RXSD 1001-3	Serial/Patent Number 09/830,488
		Applicant/Patent Owner PLUVINAGE et al.	
		Filing/Issue Date 26 April 2001	Group Art Unit 2227

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)

U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
KB	5,928,160	07/27/99	Clark et al.	600	559	10/30/96
	4,284,847	08/18/81	Besserman	179	1	02/08/80
b	5,197,332	03/30/93	Shennib	73	585	02/19/92
	3,808,354	04/30/74	Feezor et al.	179	1 N	12/13/72

FOREIGN PATENT DOCUMENTS

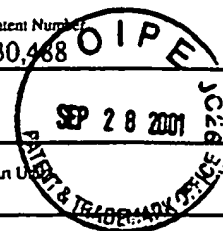
Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No
KB	WO 00/64350	11/02/00	WO - PCT			X
	DE 196 00 234 A1	07/10/97	Germany			Abstract only
	DE 198 15 373 A1	10/14/99	Germany			Abstract only
	DE 299 05 172 U1	06/10/99	Germany			Abstract only
b	WO 01/52737 A1	07/26/01	WO - PCT			X

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

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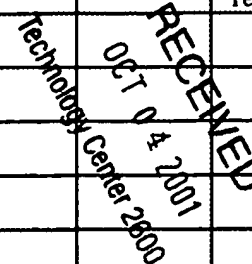
Examiner <u>92 Tnt</u>	Date Considered <u>4/12/06</u>
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
<p>*1 = Copy not submitted because it was submitted in prior application SN <u>/</u>, filed <u>20</u>, relied on under 35 USC §120.</p>	
<p>*2 = Copy not submitted because it was submitted in prior application SN <u>/</u>, filed <u>20</u>, relied on under 35 USC §120.</p>	

Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number RXSD 1001-3	Serial/Patent Number 09/830,488
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant/Patent Owner PLUVINAGE et al.	
		Filing/Issue Date 26 April 2001	Group Art U 2227



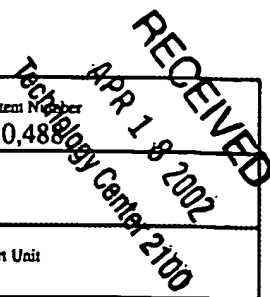
U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
KB		5,868,683	02/09/99	Protopapas et al.	600	559	10/24/97
		6,022,315	02/08/00	Iliff	600	300	07/11/97
1		6,212,496 B1	04/03/01	Campbell et al.	704	221	10/13/98

FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans-lation Yes No



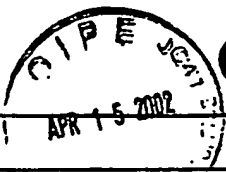
OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)		

Examiner <u>DL TBT</u>	Date Considered <u>4/12/06</u>
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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		Applicant/Patent Owner PLUVINAGE et al.	
			Filing/Issue Date 26 April 2001	Group Art Unit 2227

U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
KB		5,086,464	02/04/92	Groppe	379	430	03/05/90
		5,907,823	05/25/99	Sjoberg et al.	704	225	09/11/96
		5,406,635	04/11/95	Jarvinen	381	94	02/05/93
		6,078,675	06/20/00	Bowen-Nielsen et al.	381	331	04/29/96
		5,854,978	12/29/98	Heidari	455	418	04/16/96
		5,615,270	03/25/97	Miller et al.	381	57	06/06/95
		5,717,767	02/10/98	Inanaga et al.	381	25	11/08/94
		5,930,758	07/27/99	Nishiguchi et al.	704	500	07/02/97
		5,923,764	07/13/99	Shennib	381	60	12/18/96
		5,910,990	06/08/99	Jang	381	1	06/13/97
		5,896,449	04/20/99	Oshidari et al.	379	347	09/25/96
		5,867,457	02/02/99	Parvulescu et al.	369	33	04/14/97
		5,802,164	09/01/98	Clancy et al.	379	347	12/22/95
		5,521,919	05/28/96	Anderson et al.	370	68	11/04/94
		5,737,719	04/07/98	Terry	704	224	12/19/95
		5,195,132	03/16/93	Bowker et al.	379	410	12/03/90
		5,146,501	09/08/92	Spector	381	25	03/11/91
		3,962,543	06/08/76	Blauert et al.	179	1	05/15/74
		5,333,195	07/26/94	Bowker et al.	379	410	02/04/93
		5,485,515	01/16/96	Allen et al.	379	391	12/29/93
		5,524,148	06/04/96	Allen et al.	379	391	05/18/95
		5,592,545	01/07/97	Ho et al.	379	347	06/07/95
		5,943,413	08/24/99	Ash et al.	379	220	06/09/97
		4,879,749	11/07/89	Levitt et al.	381	68.4	02/12/88



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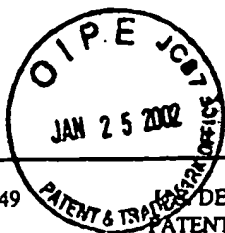
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U.S. PATENTS Technology Center 2100							
Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date	
KB	5,848,171	12/08/98	Stockham, Jr. et al.	381	321	01/16/96	
	5,811,681	09/22/98	Braun et al.	73	585	04/29/96	
	5,539,806	07/23/96	Allen et al.	379	52	09/23/94	
	5,737,389	04/07/98	Allen	379	1	12/18/95	
	6,055,502	04/25/00	Kitamura	704	500	09/27/97	

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Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No	
KB	WO 98/51124	11/12/98	WO - PCT			YES	
	WO 95/06996	03/09/95	WO - PCT			YES	
	AU-B-52098/96	01/16/97	Australia			YES	
	2000236280A	08/29/00	Japan			Abstract only	

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)	
KB	Wireless Short Message Service (SMS) TeleCommunication Systems Web ProForum Tutorials pp. 1-18
	Sony Online World - Memory Stick, The Concept, http://www.world.sony.com/Electronics/MS/concept/exp2.html 10/11/99, pp. 1-3

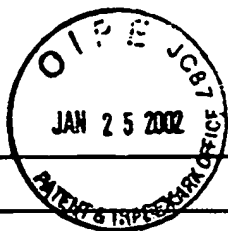
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	Filing/Issue Date 26 April 2001	Group Art Unit 2227	RECEIVED JAN 28 2002

Technology Center 2600

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Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date	
KB	3,571,529	03/16/71	Gharib et al.	179	107	09/09/68	
	3,764,745	10/09/73	Bottcher et al.	179	1	03/05/71	
	3,894,195	07/08/75	Kryter	179	107	06/12/74	
	3,989,904	11/02/76	Rohrer	179	107	12/30/74	
	4,051,331	09/27/77	Strong et al.	179	107	03/29/76	
	4,425,481	01/10/84	Mansgold et al.	179	107	04/14/82	
	4,289,935	09/15/81	Zollner et al.	179	107	02/27/80	
	4,548,082	10/22/85	Engebretson et al.	73	585	08/28/84	
	4,622,440	11/11/86	Slavin	381	68.1	04/11/84	
	4,791,672	12/13/88	Nunley et al.	381	68	10/05/84	
	4,868,880	09/19/89	Bennett et al.	381	68.2	06/01/88	
	4,887,299	12/12/89	Cummins et al.	381	68.4	11/12/87	
	4,926,139	05/15/90	Anderson et al.	330	294	06/06/88	
	5,027,410	06/25/91	Williamson et al.	381	68.4	11/10/88	
	5,046,102	09/03/91	Zwicker et al.	381	68.2	10/14/86	
	5,355,418	10/11/94	Kelsey et al.	381	72	02/22/94	
	5,406,633	04/11/95	Miller et al.	381	68.4	11/03/92	
	5,500,902	03/19/96	Stockham et al.	381	68.4	07/08/94	
	5,608,803	03/04/97	Magotra et al.	381	68.2	05/17/95	
	5,663,727	09/02/97	Vokac	341	132	06/23/95	
	5,706,352	06/06/98	Engebretson et al.	381	684	04/07/93	
	5,721,783	02/24/98	Anderson	381	68.6	06/07/95	
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KB	6,072,885	06/06/00	Stockham et al.	381	321	08/22/96	
	6,104,822	08/15/00	Melanson et al.	381	320	08/06/97	
	5,794,201	08/11/98	Nejime et al.	704	267	06/05/95	
	6,094,481	07/25/00	Deville et al.	379	390	10/08/97	
	3,718,763	02/27/73	Cannon et al.	179	1	12/21/70	
	4,039,750	08/02/77	Hull	179	1	07/12/74	
	4,201,225	05/06/80	Bethea et al.	128	746	09/02/77	
	4,677,679	06/30/87	Killion	381	74	07/05/84	
	5,596,507	01/21/97	Jones et al.	364	505	08/15/94	
	5,890,124	03/30/99	Galbi	704	501	10/26/95	
	5,956,674	09/21/99	Smyth et al.	704	229	05/02/96	
	5,974,380	10/26/99	Smyth et al.	704	229	12/16/97	
	5,978,762	11/02/99	Smyth et al.	704	229	05/28/98	
	5,987,418	11/16/99	Gentit	704	500	12/04/98	
	6,029,126	02/22/00	Malvar	704	204	06/30/98	
	6,098,039	08/01/00	Nishida	704	229	06/15/98	
	6,061,431	05/09/00	Knappe et al.	379	52	10/09/98	
	6,322,521 B1	11/27/01	Hou	600	559	03/31/00	
	5,388,185	02/07/95	Terry et al.	395	2.14	09/30/91	
	4,731,850	03/15/88	Levitt et al.	381	68.2	06/26/86	
	5,737,389	04/07/98	Allen	379	1	12/18/95	

FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No	
KB	WO 98/47314	10/22/98	WO - PCT			YES	
	WO 99/14986	03/25/99	WO - PCT			YES	
	EP 0 329 383 A2	08/23/89	EP			YES	
	WO 98/05150	02/05/98	WO - PCT			YES	

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FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Technology Center 2600	
						Translation Yes No	
KB	WO 99/31937	06/24/99	WO - PCT			YES	
	WO 98/51126	11/12/98	WO - PCT			YES	

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)	
KB	Unser "B-Spline Signal Processing: Part II - Efficient Design and Applications", IEEE Transactions on Signal Processing, pp. 834-848, Vol. 41, No. 2
	U.S. Provisional Application No. 60/177,695, Filed 01/24/00 entitled <i>Remote Hearing Test</i> , inventor Zezhang Hou
	U.S. Provisional Application No. 60/189,010, Filed 03/13/00 entitled <i>Method and System for On-Line Hearing Examination and Correction</i> , inventor Zezhang Hou
	Braida et al., "Review of Recent Research on Multiband Amplitude Compression for the Hearing Impaired" Research Laboratory of Electronics, Massachusetts Institute of Technology Cambridge, Massachusetts pp. 133-140
	Lippmann et al. "Study of Multichannel Amplitude Compression and Linear Amplification for Persons with Sensorineural Hearing Loss" Acoustical Society of America February 69(2) 1981, pp.524-534
	Villchur "Signal Processing to Improve Speech Intelligibility in Perceptive Deafness" The Journal of the Acoustical Society of America, Volume 53, Number 6 1973, pp. 1646-1657
W	U.S. Patent Application No. 09/728,623, Filed 12/01/00 entitled <i>Adaptation of Audio Data Files Based On Personal Hearing Profiles</i> , inventor Ali Mouline

Examiner <u>92 T BA</u>	Date Considered <u>4/12/06</u>
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